		Exploring Aerona	autics				
		2006 Scienc	e				
Content Standards							
Idaho Science							
Grade 5							
Activity/Lesson	State	Standards					
Tools of			Use models to explain or demonstrate a				
Aeronautics(257-326)	ID	SCI.5.5.S.1.2.3	concept.				
The Tools of			Use models to explain or demonstrate a				
Aeronautics	ID	SCI.5.5.S.1.2.3	concept.				
			Use observations and data as evidence on				
			which to base scientific explanations and				
Science of Flight	ID	SCI.5.5.S.1.2.1	predictions.				
			Write and analyze questions that can be				
Science of Flight	ID	SCI.5.5.S.1.6.1	answered by conducting scientific experiments.				
			Use evidence to analyze descriptions,				
Science of Flight	ID	SCI.5.5.S.1.6.4	explanations, predictions, and models.				
Science of Flight	ID	SCI.5.5.S.1.6.5	State a hypothesis based on observations.				
Scientific Method(124-			Write and analyze questions that can be				
144)	ID	SCI.5.5.S.1.6.1	answered by conducting scientific experiments.				
Scientific Method(124-			Select and use appropriate tools and techniques				
144)	ID	SCI.5.5.S.1.6.3	to gather and display data.				
Scientific Method(124-			Use evidence to analyze descriptions,				
144)	ID	SCI.5.5.S.1.6.4	explanations, predictions, and models.				
Scientific Method(124-							
144)	ID	SCI.5.5.S.1.6.5	State a hypothesis based on observations.				
		Evaloring Associ					
		Exploring Aerona 2006 Science					
		Content Standa					
Idaho Science		Content Stands					
Grade 6							
Activity/Lesson	State	Standards					
Activity/Lesson	Otate	Standards	Describe the effects of different forces (gravity				
			and friction) on the movement, speed, and				
Wings(177-208)	ID	SCI.6.6.S.2.2.1	direction of an object.				
Tools of		001.0.0.0.2.2.1	Use models to explain or demonstrate a				
Aeronautics(257-326)	ID	SCI.6.6.S.1.2.3	concept.				
7101011441100(201 020)		001.0.0.0.1.2.0	Use evidence to analyze data in order to				
Tools of			develop descriptions, explanations, predictions,				
Aeronautics(257-326)	ID	SCI.6.6.S.1.6.4	and models.				
The Tools of			Use models to explain or demonstrate a				
Aeronautics	ID	SCI.6.6.S.1.2.3	concept.				
		2 2 3 . 3 . 1 . 2 . 0	Explain how observations and data are used as				
			evidence on which to base scientific				
Science of Flight	ID	SCI.6.6.S.1.2.1	explanations and predictions.				
Science of Flight	ID	SCI.6.6.S.1.2.2	Use observations to make inferences.				
			Write and analyze questions that can be				
	l	001000101					
Science of Fliaht	ID	SCI.6.6.S.1.6.1	answered by conducting scientific experiments.				
Science of Flight	ID	SCI.6.6.S.1.6.1	answered by conducting scientific experiments.  Conduct scientific investigations using a control				
Science of Flight	ID	SCI.6.6.S.1.6.1	Conduct scientific investigations using a control and variables. Repeat same experiment using				

			Describe how esigned and technology are part
Science of Flight	ID	SCI.6.6.S.5.2.1	Describe how science and technology are part of our society.
Science of Flight		301.0.0.3.3.2.1	Measure in both U.S. Customary and
			International System of Measurement (metric
Integrating with			system) units with an emphasis on the metric
Aeronautics	ID	SCI.6.6.S.1.3.2	system.
Scientific Method(124-			Write and analyze questions that can be
144)	ID	SCI.6.6.S.1.6.1	answered by conducting scientific experiments.
,			Conduct scientific investigations using a control
Scientific Method(124-			and variables. Repeat same experiment using
144)	ID	SCI.6.6.S.1.6.2	alternate variables.
Scientific Method(124-			Select and use appropriate tools and techniques
144)	ID	SCI.6.6.S.1.6.3	to gather and display data.
			Use evidence to analyze data in order to
Scientific Method(124-			develop descriptions, explanations, predictions,
144)	ID	SCI.6.6.S.1.6.4	and models.
Scientific Method(124-			
144)	ID	SCI.6.6.S.1.6.5	Test a hypothesis based on observations.
	E	Exploring Aerona	
		2006 Science	
		Content Standa	nrds
Idaho Science			
Grade 7	04-4-	04	
Activity/Lesson	State	Standards	Has madele to avalous and answertants of
Tools of	ID	SCI.7.7.S.1.2.3	Use models to explain or demonstrate a
Aeronautics(257-326) The Tools of	ID	301.7.7.3.1.2.3	Use models to explain or demonstrate a
Aeronautics	ID	SCI.7.7.S.1.2.3	concept.
Actoriautics		001.7.7.0.1.2.3	Describe how observations and data are
			evidence on which to base scientific
Science of Flight	ID	SCI.7.7.S.1.2.1	explanations and predictions.
Colonico or ringric		00111110111211	Use appropriate tools and techniques to gather
Science of Flight	ID	SCI.7.7.S.1.6.2	and display data.
Science of Flight	ID	SCI.7.7.S.1.6.3	Evaluate data in order to form conclusions.
			Use evidence and critical thinking to accept or
Science of Flight	ID	SCI.7.7.S.1.6.4	reject a hypothesis.
Scientific Method(124-			Use appropriate tools and techniques to gather
144)	ID	SCI.7.7.S.1.6.2	and display data.
Scientific Method(124-			
144)	ID	SCI.7.7.S.1.6.3	Evaluate data in order to form conclusions.
Scientific Method(124-			Use evidence and critical thinking to accept or
144)	ID	SCI.7.7.S.1.6.4	reject a hypothesis.
		<u> </u>	L
	<u> </u>	Exploring Aerona	
		2006 Science	
Idaha Calanas		Content Standa	ıras
Idaho Science	Grada Physical Sais	\\	
Grades 8-9 (8th & 9th	State	Standards	
Activity/Lesson	State	Statiuarus	
Fundamentals of		SCI.8-9.8-	
Aeronautics (145-176)	ID	9.PS.2.2.1	Explain motion using Newton's Laws of Motion.
ACIONAUNOS (140-170)	טון	J.1 J.Z.Z. I	Explain motion using Newton's Laws of Motion.

Tools of		SCI.8-9.8-	
Aeronautics(257-326)	ID	9.PS.1.2.2	Develop models to explain concepts or systems.
The Tools of		SCI.8-9.8-	
Aeronautics	ID	9.PS.1.2.2	Develop models to explain concepts or systems.
The Tools of		SCI.8-9.8-	Formulate scientific explanations and models
Aeronautics	ID	9.PS.1.6.4	using logic and evidence.
		SCI.8-9.8-	Use observations and data as evidence on
Science of Flight	ID	9.PS.1.2.1	which to base scientific explanations.
		SCI.8-9.8-	Identify questions and concepts that guide
Science of Flight	ID	9.PS.1.6.1	scientific investigations.
		SCI.8-9.8-	Formulate scientific explanations and models
Science of Flight	ID	9.PS.1.6.4	using logic and evidence.
		SCI.8-9.8-	Explain the differences among observations,
Science of Flight	ID	9.PS.1.6.7	hypotheses, and theories.
		SCI.8-9.8-	
Science of Flight	ID	9.PS.2.2.1	Explain motion using Newton's Laws of Motion.
Integrating with		SCI.8-9.8-	Measure changes that can occur in and among
Aeronautics	ID	9.PS.1.3.1	systems.
Integrating with		SCI.8-9.8-	
Aeronautics	ID	9.PS.1.3.3	Measure and calculate using the metric system.
Integrating with		SCI.8-9.8-	Analyze technical writing, graphs, charts, and
Aeronautics	ID	9.PS.1.8.1	diagrams.
Scientific Method(124-		SCI.8-9.8-	Use observations and data as evidence on
144)	ID	9.PS.1.2.1	which to base scientific explanations.
Scientific Method(124-		SCI.8-9.8-	Identify questions and concepts that guide
144)	ID	9.PS.1.6.1	scientific investigations.
			Utilize the components of scientific problem
Scientific Method(124-		SCI.8-9.8-	solving to design, conduct, and communicate
144)	ID	9.PS.1.6.2	results of investigations.
Scientific Method(124-		SCI.8-9.8-	Explain the differences among observations,
144)	ID	9.PS.1.6.7	hypotheses, and theories.